

LIBRARY

REPTON RURAL DISTRICT COUNCIL



ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1947.

PUBLIC HEALTH STAFF:

Medical Officer of Health:

JOHN L. BERRY, M.B., Ch.B., Ph.D., F.R.M.S., J.P. (Resigned 31.8.47).
MALCOLM ALLAN, M.B., Ch.B., D.P.H. (Appointed 1.9.47).

Sanitary Inspectors:

J. CRABTREE, M.S.I.A.
G. V. PEACE, M.S.I.A.
F. LOMAS, C.R.S.I., M.S.I.A. (Appointed 31.7.47,
commenced duties 16.9.47).

Engineer & Surveyor:

A. P. HANCOCK, M.Inst. M. & Cy.E.

Clerical Assistant:

Miss L. Oakden.

Clerk of the Council:

F. BAILEY, M.B.E.

Rural District Council Offices,
The Poplars,
Rolleston Road,
Burton-on-Trent.

DERBYSHIRE COUNTY COUNCIL CLINICS.

DERBY and LITTLEOVER.

MINOR AILMENTS.

Walker Lane, Derby.

Doctor attends 2nd & 4th
Saturday mornings.

INFANT WELFARE.

The Clinic,
Baptist Chapel School Room,
Thornhill Road, Littleover.

Every Thursday afternoon.
Doctor attends on 2nd and
4th Thursday afternoons.

DENTAL TREATMENT.

Walker Lane, Derby.

By appointment.
For emergency, Toothache
Clinic is open Monday, Tuesday,
and Wednesday all day.

ANTE-NATAL CLINICS.

Walker Lane, Derby.

Every Tuesday all day.
Doctor attends each clinic.

PSYCHOLOGIST.

Walker Lane, Derby.

By appointment.

ORTHOPAEDIC CLINIC.

County Office Yard, Derby.

By appointment.

OCULIST.

Walker Lane, Derby.

By appointment.

Repairs or replacements of
glasses for School children.

Attend Minor Ailment Clinic
2nd or 4th Saturday morning
for Form O.S.C. 10 from the
doctor.

DERBYSHIRE COUNTY COUNCIL CLINIC
ALEXANDRA ROAD, SWADLINCOTE.

MINOR AILMENTS.

Daily, 9-0 a.m. to 10-0 a.m. (except 1st, 3rd and 5th Fridays in month).

Doctor attends 2nd, 4th and 5th Saturdays in month, 9-0 a.m. to 12 noon.

INFANT WELFARE.

Mondays, 10-0 a.m. to 12 noon, and 2-0 to 4-0 p.m.

Doctor attends 1st and 3rd Mondays, 2-0 p.m. to 4-0 p.m.

DENTAL TREATMENT.

Tuesdays, 9-0 a.m. to 12 noon, and 1-30 p.m. to 4-0 p.m.

Thursdays 9-0 a.m. to 12 noon, and 1.30 p.m. to 4.0 p.m.

ANTE-NATAL CLINIC.

1st, 3rd and 5th Fridays in each month,
9.0 a.m. to 12 noon, and 1.30 p.m. to 4.0 p.m.

PSYCHOLOGIST.

Attends Wednesdays by appointment.

ORTHOPAEDIC CLINIC.

By appointment Tuesdays 9-0 a.m. to 12 noon,
and 1.30 p.m. to 4.0 p.m.

OCULIST.

Attends 2nd and 4th Thursdays by appointment.

Repairs or replacements of
glasses for School children.

Attend Minor Ailment Clinic 2nd, 4th and 5th Saturday mornings for form O.S.C.10 from the doctor.

To the Chairman and Members of the
Repton Rural District Council.

Mr. Chairman, Madam, and Gentlemen,

I have the honour to present my Annual Report for the year 1947.

For the greater part of the year under review Dr. Berry was responsible for the work of the Department, and I should like to take this opportunity of thanking him for his splendid work. By reason of his efficiency I had the pleasure of taking over a Department already in excellent health and vigour.

Incorporated in the Report is a detailed account of the work of the Sanitary Department by the Acting Chief Sanitary Inspector, and also a very valuable report by the Engineer & Surveyor. I am deeply grateful to both of them, for it is only with their reports and mine that one can have a general picture of the work of the Public Health Department.

The health of the people in the Rural District has been maintained under difficult circumstances, and to this end the Council and Staff have played a part, but the chief credit goes to the housewife, who has to do the scheming and planning to meet the needs of the family.

To solve the problem of unfit houses and overcrowding more and more houses are required, and this problem is having your full and earnest consideration. Not only are houses a pressing physical need, but they are also essential for the mental and moral well-being of the community.

During the year there was no major outbreak of infectious disease, but in keeping with the country as a whole a number of cases of Infantile Paralysis were notified towards the end of the year and dealt with by arrangements made with the County Council for their isolation and orthopaedic aftercare. Of all the measures to combat this disease there is ample evidence that the most important is complete rest right from the beginning of the illness. The worst cases in the district have been those who kept at work despite the disease. Rest in this illness is wiser than struggling to keep going, no matter how creditable that may be.

Not a single case of Diphtheria occurred in the district during the year, and this despite unfit houses and overcrowding, and under continuing austerity conditions. The favourable result is obviously not entirely due to the Immunisation Campaign, but that preventive measure has been well worth while. Mass immunisation began for the country as a whole in 1940, and the following table shows the result of that and health measures generally:-

	<u>Deaths</u>	<u>Notifications</u>
1940	2,480	46,281
1941	2,641	50,797
1942	1,827	41,404
1943	1,371	34,662
1944	934	29,949
1945	722	25,246
1946	472	18,283
1947 *	245	10,469

* The figures for 1947 are provisional.

Fortunately, fewer new cases of Tuberculosis were notified during the year, and this is in no small measure due to the generous way the Council have dealt with the Housing needs of all Tuberculous persons, and I am sure you will be desirous of increasing your efforts on behalf of these unfortunate people. Not only does re-housing benefit the patient but it also stems the spread of the disease.

In connection with the spread of the disease it is not generally understood that sufferers from open tuberculosis must be kept away from children.

I have given in tabular form some indication of the County Council's clinic services available for the people of the Rural District, and I feel sure you would like to see these services extended and made available actually in the Rural District.

It is a pleasure to take this opportunity of thanking the Chairmen and Members of the Committees, General Practitioners, Health Visitors, Heads of Departments and Staffs, and especially the staff of the Public Health Department.

I am,

Your obedient Servant,

MALCOLM ALLAN,

Medical Officer of Health

Public Health Department,
Council Offices,
The Poplars,
Rolleston Road,
Burton-on-Trent.

STATISTICS AND SOCIAL CONDITIONS.

Elevation of the District from 130 to 604 O.D.

Area 65,654 acres.

Registrar-General's estimated population mid 1947 .. 27,640

National Registration enumeration September, 1939 -

Males	15,560
Females	<u>14,847</u>
	<u>30,407</u>

Number of inhabited dwellings end of 1947 7,959

Rateable Value, 31st March, 1947 £138,974

Product of 1d. rate, 31st March, 1947 £561.12.6

VITAL STATISTICS:

Live Births:	Total	M.	F.	Birth Rate per 1,000 of the estimated resident population ..	20.44
Legitimate	540	279	261		
Illegitimate	<u>25</u>	<u>13</u>	<u>12</u>		
	<u>565</u>	<u>292</u>	<u>273</u>		

Still Births:				Rate per 1,000 total (live and still) births	27.5
Legitimate	16	8	8		
Illegitimate	<u>-</u>	<u>-</u>	<u>-</u>		
	<u>16</u>	<u>8</u>	<u>8</u>		

Deaths:	346	188	158	Death Rate per 1,000 of the estimated resident population ..	12.52
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Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List):-

	Deaths.	Rate per 1,000 total (live & still) births.
No.29. Puerperal and post-abortion sepsis	Nil	-
No.30. Other maternal causes	Nil	-

Deaths of Infants under 1 year.

	M.	F.
Legitimate	11	18
Illegitimate	<u>-</u>	<u>1</u>
Total -	<u>11</u>	<u>19</u>

Death Rate of Infants under 1 year of age:-

All infants per 1,000 live births	53.1
Legitimate infants per 1,000 legitimate live births	53.7
Illegitimate infants per 1,000 illegitimate live births	40
Deaths from Cancer (all ages)	48
" " Measles	-
" " Whooping Cough (all ages)	-
" " Diarrhoea (under 2 years of age)	1

Causes of Death in Repton Rural District
during the Year 1947.

					M.	F.
ALL CAUSES	..	..	..	..	188	158
1. Typhoid and paratyphoid fevers			..	..	-	-
2. Cerebro Spinal fever	..	..	..	..	2	-
3. Scarlet fever	..	..	..	..	-	-
4. Whooping Cough	..	..	..	..	-	-
5. Diphtheria	..	..	..	..	-	-
6. Tuberculosis of respiratory system			..	..	3	5
7. Other forms of tuberculosis	..	..	..	..	1	1
8. Syphilitic diseases	..	..	..	..	1	1
9. Influenza	..	..	..	..	2	2
10. Measles	..	..	..	..	-	-
11. Acute Poliomyelitis and Polioencephalitis			..	..	3	-
12. Acute Infectious Encephalitis			..	..	1	-
13. Cancer of buccal cavity and oesophagus: (M), uterus (F)					1	3
14. Cancer of stomach and duodenum			..	..	10	3
15. Cancer of breast	..	..	..	..	-	4
16. Cancer of other sites	..	..	..	..	16	11
17. Diabetes	..	..	..	..	1	2
18. Intracranial vascular lesions	..	..	..	..	15	23
19. Heart Disease	..	..	..	..	59	36
20. Other diseases of circulatory system	..	..	..	..	2	5
21. Bronchitis	..	..	..	..	9	6
22. Pneumonia	..	..	..	..	5	7
23. Other respiratory diseases	..	..	..	..	3	4
24. Ulcer of stomach or duodenum	..	..	..	..	2	-
25. Diarrhoea (under 2 years)	..	..	..	..	-	1
26. Appendicitis	..	..	..	..	-	2
27. Other digestive diseases	..	..	..	..	4	6
28. Nephritis	..	..	..	..	5	6
29. Puerperal and post-abortion sepsis	..	..	..	..	-	-
30. Other maternal causes	..	..	..	..	-	-
31. Premature birth	..	..	..	..	4	6
32. Congenital malformation birth injury, Infantile diseases					3	6
33. Suicide	..	..	..	..	1	3
34. Road traffic accidents	..	..	..	..	8	1
35. Other violent causes	..	..	..	..	4	3
36. All other causes	..	..	..	..	23	11

Annual Report of Engineer & Surveyor
for Year ended 31st December, 1947.

SEWERAGE DISPOSAL.

The majority of the Council's Sewage Disposal Works are in a satisfactory condition, which is verified by the analyses of the final effluents.

The Council's housing programme will necessitate the eventual enlargement of certain of the existing sewage works where large scale building operations are in progress, and in parishes where there is no sewage works the construction of a Works.

Plans are being prepared for submission to the Derbyshire County Council for Sewerage and Sewage Disposal Works at the under-mentioned parishes.

Hilton.

Sewage from part of the village at present discharges direct into the Hilton Brook. Sewage from the remaining portion of the village discharges into the War Department Sewage Works situated within the grounds of the War Department Camp.

The new Scheme proposes to re-sewer the whole village and direct the sewage to the above Works to which additions will be made.

This Works will then treat the whole of the village in addition to the sewage from the Camp.

Netherseal and Overseal.

Plans will be submitted to the County Council for the re-sewering of the village of Netherseal, together with the Disposal Works.

The present Sewage Disposal Works at Overseal is over-loaded, and the Council have been informed that this Works will be effected through mining subsidence within the next few years.

This Works will consequently become redundant, and it is proposed that the sewage from Overseal will be treated along with that from Netherseal at the new Works.

Ticknall.

That portion of the village that is already sewered discharges into tanks and thence to a brookcourse.

A Scheme is being prepared for submission to the Derbyshire County Council for the re-sewering of the whole of the village, together with the construction of a Disposal Works.

Newton Solney.

The sewage from this village at present discharges into a Septic Tank adjacent the river, the overflow of which discharges therein.

A Scheme is being prepared for the re-sewering of the whole village together with a Disposal Works, which will be submitted to the Derbyshire County Council for observations.

Walton-on-Trent.

A Scheme is in course of preparation for the sewerage and treatment of the sewage from this village and will be submitted to the Derbyshire County Council immediately it is completed.

(contd. over).

2. EFFECT OF FLOODS.

Parishes of Scropton and Hatton.

The heavy and prolonged snow fall that occurred during the beginning of the year 1947 caused a flooding of the area when the snow started to melt.

The snow thawed during the day-time, and freezing occurred each night, allowing a considerable amount of water to flow away without serious effect, especially as the water level in the rivers was low.

This continued until the general thaw with rain had commenced on Friday the 14th March, by which time the rivers were filling, and general floods commenced on the 16th March.

These floods were aggravated owing to the majority of the ditches and watercourses being blocked with ice and snow.

The highest point reached by the flood water was 1 ft. 11½ ins. above the floor level of the Scropton Old Lane Sewage Pumping Station. This height was reached at 3 a.m. on Wednesday the 19th March, and remained at this level for twelve hours, after which it began to gradually recede.

The highest point of this flood level was 1 ft. 10 ins. below the 1946 flood level.

31 houses in this parish were flooded.

Hatton.

The Council arranged with the Derbyshire Agricultural Executive Committee to clean out the various brookcourses and ditches. This fortunately prevented a recurrence of the 1946 floods.

It is the opinion of the Council that the primary cause of these excessive floods is due to the R.A.F. embankment from Fauld to Scropton, which holds up the flood water on the up-stream side. This water then flows along the up-stream side of the embankment and passes through the village of Scropton.

This embankment has a number of 15" and 18" pipes built in to allow the flood water to pass through.

These pipes are not considered sufficient to cope with the enormous amount of water arriving from the upper reaches of the River Dove.

Negotiations are at present taking place between the Authorities concerned and the Air Ministry, with a view to constructing larger waterways in the embankment to allow the flood water to pass through, and thus prevent the backing up above referred to.

Willington.

Repton Road was flooded throughout its length from the Railway Bridge to the "Armoury" at Repton.

The Blue Bus Garage had water over the floor to a depth of 2 ft. 1 in., which was due to the backing-up and overflowing of the Willington Brook.

This height was 3 inches lower than the 1946 flood.

The low-lying area between Willington Hall and the Sewage Pumping Station commenced to flood on Monday the 17th, and continued until Thursday, the 20th. This flooding was caused through the river backing up the Burton Corporation sewers and overflowing at the manholes in the field adjacent the Pumping Station.

The highest level reached by this flood water was 1 ft. 3 ins. below the Pumping House floor level.

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EFFECT OF FLOODS (contd).

Sunnyhill, Stenson.

The flood water passing into the Shardlow Rural District Council sewers at Sunnyhill backed up the Council's sewer in Stenson Road, which overflowed at the Gullies and Inspection Chambers of 19 houses.

This overflow occurred on Thursday, the 13th, and Sunday, the 16th March, 1947.

WATER SUPPLY.

Piped water supplies are provided by the following water undertakings to the undermentioned parishes. The whole of these water supplies are chlorinated, and no adverse reports have been received as to their quality.

The waters vary in hardness from 18 to 40, and no plumbo-solvent action is experienced.

The quantity of water available is generally sufficient to meet the demand, with the exception of the supply to Woodville from the Smisby Well.

Parish of Woodville.

This water scheme supplies water to 80 houses situated in the Ashby Urban District area in addition to the parish of Woodville, and as the yield from the Council's Smisby Well is insufficient for the demand, water is purchased in bulk from the Swadlincote and Ashby Joint Water Board, whose supply in turn is inadequate.

Proposals for an adequate supply of water to Woodville have been submitted to the Ministry of Health.

Parish of Overseal.

The supply to this village is adequate, the water being purchased in bulk from the South Staffordshire Waterworks Company off their trunk main passing through the village.

Parish of Hartshorne.

This supply is obtained from a spring situated in "Several Woods", and is satisfactory.

Parish of Hatton.

This supply is purchased in bulk from the Tutbury Rural District Council.

Owing to the demand of the Tutbury Rural District Council, and the number of new houses that will require a supply in the near future, any increase of the supply to the parish of Hatton cannot be anticipated from this source.

The Council have therefore included this parish to be supplied with water from the proposed Dalbury Lees and District Water Scheme.

Parish of Ticknall.

The yield and quality of this supply is satisfactory.

The Council propose to lower the well for the purpose of further increasing the present yield, and build a new Pumping Station adjacent the well with new pumping machinery.

Dalbury . Lees & District Water Scheme.

A piped water scheme to supply the twelve Northern parishes has been submitted to the Ministry of Health. The water will be supplied through the Belper Rural District Council's mains, and purchased in bulk from the Derwent Valley Water Board. The mains will be from 9" to 3" in diameter, and of sufficient size to satisfy the N.F.S. requirements in case of fire, in addition to all the farms within the area, the length of the mains being 46 miles.

Smisby Water Scheme.

A piped water scheme for the village of Smisby has been submitted to the Ministry of Health.

The mains will be 3" diameter, and the water obtained from the Council's Smisby Well.

WATER SUPPLIES (contd.).

Parish	Supplying Undertaker	Total houses	No. of houses supplied	Estd. population supplied	Supply direct to property	Supply off stand-pipes	No. of houses unpipe supply
Ash	-	15					15
Barton Blount	-	11					11
Bearwardcote	-	7					7
Bretby	South Staffs. Water.	190	140	490	140	5	45
"	Swadlincote & Ashby Jnt. Water Board.		5	18	5		
Burnaston	South Staffs.	56	4	14	4		52
Calke	-	12					12
Castle Gresley	South Staffs.	418	395	1383	395		23
Catton	-	21	6	21	6		15
Cauldwell	South Staffs.	28	21	73	21		7
Church Broughton	Derbyshire C.C.	115	10	35	10		105
Coton-in-the-Elms	South Staffs.	148	126	441	126		22
Dalbury Lees	-	47					47
Drakelow	South Staffs.	57	22	77	22		35
Egginton	do.	133	111	388	111		22
Etwall	do.	211	151	529	151		60
Findern	South Staffs.	188	152	532	152		
"	Derby Corporation.		12	42	12		24
Foremarke	Swadlincote & Ashby Jnt. Water Board.	15	3	11	3		12
Foston/Scropton.	Foston - Repton R.D.C.	143	8	28	8		135
"	Scropton - Nil						
Hartshorne	Repton R.D.C.	350		1225	318	30	2
"	Woodville		23				
"	Hartshorne		298				
"	Swadlincote & Ashby Jnt. Water Board.		12				
	Caulkley.		15				
Hatton	Repton R.D.C.	392	294	1029	294		98
Hilton	South Staffs.	242	99	347	99		143
Hoon	-	6					6

(contd. over)

WATER SUPPLIES (contd).

Parish	Supplying Undertaker	Total houses	No. of houses supplied	Estd. population supplied	Supply direct to property	Supply off stand-pipes	No. of houses unpiped supply
Ingleby	--	21	21		21		-
Linton	South Staffs.	447	423	1481	423		24
Lullington	do.	38	28	98	28		10
Marston-on-Dove	-	17					17
Mickleover	Derby Corporation	1333	1300	4550	1300		33
Netherseal	South Staffs.	230	155	543	143	12	63
Newton Solney	do.	125	74	260	74		51
Osleston & Thurvaston	-	69					69
Overseal	In bulk from South Staffs.	659	644	2254	644		15
Radbourne	-	43					43
Repton	South Staffs.	469	415	1453	390	25	46
	Swadlincote & Ashby Jnt. Water Board.		8	28	5	3	
Rosliston	South Staffs.	117	89	312	89		28
Smisby	Repton R.D.C.	100	2	7	2		98
Sutton-on-the-Hill	Private supply	30	6		6		24
Ticknall	Repton R.D.C.	191	164	574	39	125	27
Trusley	-	24					24
Twyford & Stenson	Stenson - Derby Corp. ⁿ Twyford - Nil.	105	70	245	70		35
Walton-on-Trent	South Staffs.	112	81	284	81		31
Willington	do.	304	280	980	280		24
Woodville	Repton R.D.C.	735	735	2573	596	139	-
	<u>Totals</u> -	7974	6402	22325	6068	334	1660

4. HOUSING.

Work on the construction of streets, sewers, and water mains was completed in the parishes of Woodville and Hartshorne. This now completes the whole of the Advance Preparation of Housing Sites.

The number of houses of various types to be erected by the Council which have received the approval of the Ministry of Health up to the 31st December, 1947 is 556.

The number of houses completed up to the 31st December, 1946 was 44.

The following summary gives the progress made for the year ending 31st December, 1947.

<u>Parish.</u>	<u>No. of Houses completed.</u>	<u>No. of Houses in course of erection</u>	<u>Type</u>
Coton-in-the-Elms	4	-	Traditional (Brick).
Hatton	16	24	Brick.
"	18	-	Canadian (Timber).
Linton	36	38	Brick.
Mickleover	18	-	Brick.
Netherseal	4	6	Canadian.
Newton Solney	4	-	Brick.
Repton	16	4	Brick.
"	-	18	Canadian.
"	12	-	Swedish (Timber)
Willington	22	24	Brick.
Woodville	18	56	Brick.
"	-	46	Canadian.
"	-	4	Swedish.
"	-	12	Czechoslovakia (Timber)
"	-	12	Airey.
Totals	<u>168</u>	<u>244</u>	

Private Development.

Plans for 63 Properties have been submitted and approved by the Council as Private Development during the year ending 31st December, 1947 - 31 properties have been completed, and a number are in course of erection, nearing completion.

Several Applications and Plans have been submitted to and approved by the Council for Alterations and Additions, and urgent works to existing properties during the year.

To the Chairman and Members of the
Repton Rural District Council.

Mr. Chairman, Madam and Gentlemen,

I have pleasure in submitting this Report of the Sanitary circumstances in the combined Northern and Southern Districts of the area under your late Chief Sanitary Inspector, Mr. J. Crabtree, for the year ending the 31st December, 1947.

The shortage of building labour and materials again made the execution of essential repairs to dwelling-houses extremely difficult.

There have also been difficulties during the year owing to illness and shortage of staff in this Department.

In addition, work within the Department has been greatly increased by the introduction of scavenging by direct labour in most of the larger parishes, together with the collection of salvage.

A considerable amount of time has also been taken up in dealing with applications for licences to carry out repairs, and in some cases inspections have to be carried out to ascertain if the applications are for essential work.

I am, Madam and Gentlemen,

Your obedient Servant,

FRED LOMAS,

Sanitary Inspector.

Analyses of Water.

During the year sixteen samples of water from private sources and twelve from public supplies were sent for analysis. Details of samples are as follows:-

Private Sources.

Description	Chemical Analysis	Bacteriological Examination	Action taken
<u>BURNASTON:-</u> Pump Well, Little Derby Hill (Farm).	Unsatisfactory Water in contact with very small amount of lead.	Unsuitable.	Owner-occupier informed.
<u>ETWALL:-</u> Hand pump, Newclose Farm and two farm cottages, Willington Lane.	Unfit. Dangerous amount of lead.	Unsuitable.	Piped supply now laid on to farm and cottages.
<u>HATTON:-</u> Well in centre of field, Yew Tree Farm. <u>Occupier:-</u> Mr. J. Beardsley.	Unsatisfactory	Unsuitable.	Piped supply now laid on.
<u>HILTON:-</u> Shallow well, Mill Cottages, Mill Lane. <u>Occupiers:-</u> Holliday, Kirkland, and Tipper.	Unsatisfactory	Unsuitable. (Two samples taken).	Piped supply now laid on.
Pump well, Seven cottages, Main Street. <u>Occupiers:-</u> Toogood, Hawley, Tunnicliffe, Bannister, Tipper, Vaughan & Derham.	Unsatisfactory	Unsuitable.	Piped supply now laid on.
Shallow well, two cottages, Egginton Road. <u>Occupiers:-</u> Quinton and Brooks.	-	Unsuitable.	Main supply now laid on.
<u>SUTTON-ON-THE-HILL:-</u> Shallow well, Cropper Top Cottages. <u>Occupiers:-</u> Woolley & Hawksworth.	-	<u>1st sample:-</u> Unsuitable. <u>2nd sample:-</u> No organisms of the typhoid salmonella or dysentery groups isolated	Well cleaned out and surrounds improved, and pump installed to prevent further pollution.
Well, Woodyard Farm, Cropper.	-	<u>1st sample:-</u> Suitable. <u>2nd sample:-</u> No organisms of the typhoid salmonella or dysentery groups isolated.	

Water Samples taken during 1947 (contd).Public supplies.

Description	Chemical Analysis	Bacteriological Examination.	Action taken
<u>CASTLE GRESLEY:-</u> 81, Burton Road. (South Staffs. supply).	-	Suitable	-
<u>FINDERN:-</u> "Trentham", Burton Road. (South Staffs. supply).	-	Suitable	-
<u>HARTSHORNE:-</u> Farm, Manchester Lane. <u>Occupier:-</u> Mr. Bailey	-	Suitable	-
<u>Manchester Lane.</u> House occupied by Mr. Harvey. (Swadlincote & Ashby Joint Water Board Supply).	-	Suitable	-
Church Street. <u>Occupier:-</u> Mr. Leedham. (Hartshorne Water Supply)	-	Unsuitable. An efficiently chlorinated supply should not contain coliform organisms in 100 ml. of water.	Chlorinator damaged through frost, and repaired. Further samples taken which were satisfactory
Sample from Collecting Chamber	No evidence of occurrence of active pollution.	-	-
<u>HATTON:-</u> 186, Station Road. (Tutbury R.D.C. Main Supply)	-	Suitable	-
<u>MICKLEOVER:-</u> 46, Station Road. (Derby Corporation supply).	-	Suitable	-
<u>TICKNALL:-</u> House tap, "Sheffield House". <u>Occupier:-</u> Mr. Bromley.	No evidence of the occurrence of active pollution.	Suitable	-
Standpipe opposite The Green. Water pumped to reservoir. (Ticknall water supply).	-	Suitable. (Chlorinating plant out of order).	-
<u>WOODVILLE:-</u> Tap in wash-house. <u>Occupier:-</u> Mr. A. Holmes. (Woodville & Overseal supply).	-	Suitable	-

DRAINAGE & SEWERAGE.

Sewerage schemes are urgently required to improve the sanitary conditions existing in the parishes of Coton-in-the-Elms, Drakelow, Netherseal, Newton Solney, Smisby, Rosliston, Ticknall, and Walton-on-Trent.

CLOSET ACCOMMODATION.

Housing.

Number of inhabited houses at the end of 1947 .. 7959

Number of new houses erected during 1947 -

(a) By Local Authority 118 + 63 temporary dwellings (hut

(b) By Private Enterprise 16

Sanitary Accommodation.

(a) Closet Accommodation:-

Water-closets	..	..	5489	
Pail-closets	..	..	1690	
Privy-middens, etc.	..	..	777	
Trough, Slop	..	..	<u>3</u>	7959

(b) Conversions to water-closets during 1947:-

Privy-middens	..	..	29	
Pail-closets	..	..	57	
Privy-closets to pail-closets..			<u>27</u>	113

SCAVENGING.

Scavenging schemes were in operation in 27 parishes in the District carried out under Contract to the 31st July, 1947. On the 1st August, 1947, the Council took over under direct labour the operation of these Services in 20 parishes of the District, the remaining seven parishes still being dealt with under Contract.

The Council acquired the Vehicular Plant and Equipment of the main Contractor at an initial Cost of £2,875, and operated this Scheme with Labour transferred from the Contractors to the end of this year.

The Council kept this Scheme under constant review, and having regard to its satisfactory operation, have made provision for its extension, and given instructions for the purchase of additional Vehicles and Equipment.

Included in the Vehicles purchased was a Cesspool Emptier, and, in addition to its use within the District, is available and has been operated in the Areas of adjoining Public Authorities and by Private individuals, at an agreed charge.

REPTON RURAL SANITARY DISTRICT, 1947.

Names of Inspectors - Messrs. J. Crabtree, G.V. Peace & F. Lomas.

Area of District - 65,654. Estimated No. of houses - 7,959.

New houses erected 1947 (a) By Local Authority- 118 + 63 temporary dwellings (huts).
(b) By private enterprise- 16.

	Number of inspections made by Sanitary Inspector	No. of Notices served		No. of nuisances Abated with or without Notice
		Informal	Legal	
<u>CLOSETS AND ASHPITS -</u>				
Defective Privies, Pail Closets & Ashpits (Not for Conversion)	177	30	-	28
Conversion of Privies into W.C's	162	85	-	51
Conversion of Pail Closets into W.C's	208	107	-	63
Conversion of Privies into Pail Closets	191	86	-	45
Defective Water Closets	100	35	2	47
Provision of Additional Water Closets	17	4	-	5
Provision of Portable Ashbins	240	119	3	136
Dirty Closets	25	5	-	4
Ashpits abolished	16	7	-	10
<u>DRAINAGE -</u>				
No Disconnection of Waste Pipe	5	2	-	2
Defective Waste Pipe, Traps, Inlets and Drains	146	49	-	41
Drains obstructed	137	65	-	62
<u>OTHER DEFECTS.</u>				
Paving of Courts and Yards	16	5	-	4
Roofs, Eaves-spouts & Downspouts	367	149	3	157
Sinks	22	8	-	7
Insufficient Ventilation	49	14	-	12
Windows	106	36	-	39
Dampness	100	33	-	46
Water in Cellars	8	2	-	1
Water Supply	139	34	-	31
Overcrowding	6	1	-	113
Foul Condition of Houses	20	7	-	5
Offensive Accumulations	349	152	-	156
Animals improperly kept	15	3	-	3
Pigsties	12	3	-	2
Smoke Nuisances	19	4	-	2
Urinals	19	3	-	2
Nuisances not specified above	427	129	2	150
	3098	1177	10	1224

	Number on Register.	Inspections Made	Notices Served	Nuisances Abated with or without Notice.
Dairies, Cowsheds & Milkshops	636	381	22	24
Bakehouses	17	20	4	4
Slaughterhouses	18	153	-	-
Offensive Trades	-	-	-	-
Common Lodging-houses	-	-	-	-
	671	554	26	28

SHOPS ACTS, 1912 - 1936.

Inspections have been carried out in all parishes where there are shops, and infringements of the above Acts were chiefly in respect of shopkeepers failing to display the notices of hours of closing, and weekly half-day closing.

CAMPING SITES.

There are no licensed sites within the District.

SWIMMING POOLS AND BATHS.

There are no public pools or baths in the District.

SMOKE ABATEMENT.

There has been no recourse to any action under this heading during the year.

ERADICATION OF BED BUGS.

Two complaints were received of infestation of houses in the District. Inspections were made and advice given on the destruction of these vermin. Also, supplies of Zaldecide were given to the tenants and the use of the Council's sprayer for disinfection.

HOUSING ACTS.

Number of houses inspected under Housing Acts	..	323
Number of houses which were found defective	..	323
Number of houses where defects have been rectified	..	95
Number of houses where work is still in hand	..	228
Total number of visits whilst work was in hand	..	439
Informal Notices served	.. .. .	207
Statutory Notices served	.. .. .	10

UNFIT HOUSES.

The following is a list of properties on which a Clearance Order or Demolition Orders have become operative. The position at the end of the year was as follows:-

Clearance Area:-

6 houses, The Rookery, High Street, Woodville.

Demolition Orders:-

9 houses, The Rookery, High Street, Woodville.
 1 house, Ashby Road, Woodville.
 4 houses, Dag Lane, Overseal.
 4 bungalows, Sealwood, Netherseal.
 1 caravan, " "
 1 house, Windmill Lane, "
 2 houses, Mill Street, Repton.
 6 " Milton Road, "
 4 " Orme's Row, Hartshorne.
 2 " 77 & 79, Burton Road, Castle Gresley.
 2 " Main Street, Hartshorne.
 1 bungalow, Rosliston Road, Cauldwell.
 2 cottages, Clifton Road, Netherseal.
 2 Brizlincote Cottages, Bretby.
 1 bungalow, Pit Lane, Netherseal.
 2 cottages, Brookside, Scropton.
 1 cottage, The Scaddows, Hartshorne.
 Old Soldier's Cottage, Radbourne.
 54, 56 & 58, Hartshorne Road, Woodville.
 11 & 12, Gorsey Lees, Overseal.
 43, Main Street, Overseal.
 13, 15 & 17, High Street, Woodville.

Demolitions carried out:-

1 house, Windmill Lane, Netherseal.
 1 bungalow, Sealwood, "
 1 caravan, " "

HOUSING CONDITIONS.

- (1) A considerable number of houses are required in the district, especially in the Southern part, to abate a large amount of overcrowding, and where there are two or more families at present living together, also to re-house quite a large number of families at present living in houses which are old, worn out, and cannot be made fit at a reasonable cost.
- (2) Rural Housing Survey.- The survey of all houses in the Rural District is being carried out in accordance with the Rural Housing Survey, six parishes have now been completed, namely, Woodville, Hartshorne, Ticknall, Calke, Netherseal, and Newton Solney.

HOUSING STATISTICS.

<u>1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:-</u>			<u>Total</u>
(1)(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...		960
(b)	Number of inspections made for the purpose ...		2243
(2)(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 ...		425
(b)	Number of inspections made for the purpose ...		717
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation		53
(4)	Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...		1076
<u>2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-</u>			
	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers		446
<u>3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:-</u>			
(a)	Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 -		
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs ...		6
(2)	Number of dwelling-houses which were rendered fit after service of formal notices -		
(a)	By Owners ...		6
(b)	By Local Authority in default of owners...		-
(b)	Proceedings under Public Health Acts -		
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied...		19
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:-		
(a)	By Owners ...		19
(b)	By Local Authority in default of owners...		-
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936:-		
(1)	Number of dwelling-houses in respect of which Demolition Orders were made ...		18
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders ...		3
(d)	Proceedings under sections 12 of the Housing Act, 1936:-		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made..		-
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit..		-
<u>4. HOUSING ACT, 1936 (Part IV.) OVERCROWDING:-</u>			
(a)	(1) Number of dwellings overcrowded at the end of the year		
	(2) Number of families dwelling therein ...		-
	(3) Number of persons dwelling therein ...		-
(b)	Number of new cases of overcrowding reported during the year ...		-
(c)	(1) Number of cases of overcrowding relieved during the year. ...		119
	(2) Number of persons concerned in such cases ...		353
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding..		-

Milk (Special Designation) Order, 1936.

There are 26 farms in the Repton Rural District registered with the Derbyshire County Council as producers of Tuberculin Tested milk, and 143 farms registered with that Authority for producing Accredited milk, also a dairy registered with the Repton Rural District Council for pasteurising milk.

During the year 9 supplementary licences were granted to retailers of designated milks from premises outside the Repton Rural District to retail within the district.

Twenty-three samples of Pasteurised milk were taken from Park Farm Dairies, Ticknall, for the Methylene Blue and Phosphatase tests, two being unsatisfactory. In connection with these unsatisfactory samples investigations were carried out at the farms concerned, and appropriate action taken.

Burton-on-Trent Corporation farm at Etwall, and Derby Corporation farm at Micklegate, are licensed with the Ministry of Health for the production of Accredited and Tuberculin Tested milks, and the Inspector takes samples there on the Council's instructions for the Ministry. Thirty-five such samples were taken during the year, 7 being unsatisfactory. In connection with these unsatisfactory samples investigations were carried out at the farms concerned, and appropriate action taken.

Cowsheds and Dairies.

Total number of Cowsheds in the District	1180
Total number of Farms " " "	636

Number of Cowsheds.

1. Newly built	4
2. Entirely remodelled internally	3
3. Not now used for milk beast	2
4. Where new floors were laid	6
5. Where floors were repaired	12
6. Where feeding troughs repaired or provided..	14
7. Where lighting and ventilation were improved	11
8. Where lofts were removed	-
9. Where loft floors were improved	-
10. Where drain inlets were removed to outside..	5
11. Where drainage was provided	7
12. Where walls were rendered in cement	3
13. Where standings were paved	4
14. Where approach paving was repaired	4
15. Which were cleaned up	15
16. Where manure dump was moved	7
17. Where manure dump was improved	3
18. Where work is completed	16
19. Where work is in progress	1
20. Where piped water supply laid on	4

Number of Farms:-

1. Where new dairies were built	5
2. Where dairies were improved	3
3. Where cowkeeping was given up	1

INSPECTION AND SUPERVISION OF FOODS.

During the year the following goods were inspected and condemned for human food:-

516 tins	Meats, etc.
245 "	Soups, Beans, Fruit, etc.
59 " & 1 box	(3½ stones) Fish.
107 tins	Milk.
64 lbs.	Dried Figs and Dates.

A consignment of 10 lbs. of butter was found to be in an unsaleable condition and was returned by the Vendor to the Ministry of Food agents through the usual trade channels, in accordance with the Ministry of Health Circular 2886 Food & Drugs Act, 1938.

Ice Cream.

With the coming into operation of the Ice Cream Heat-treatment Regulations, 1947, standards of fitness for premises intended for use in the manufacture and sale of ice cream have been drawn up on the lines suggested by the Derbyshire Branch of the Sanitary Inspectors' Association, with a view to securing uniformity of action throughout the area.

These standards incorporate the provisions of Section 13 of the Food & Drugs Act, 1938, and the Ice Cream Heat Treatment Regulations, 1947, with which premises must comply before they can be registered for the sale, manufacture for sale, or storage of ice cream.

Increasing attention is being given to this subject, and to the sampling of ice cream. Where samples have proved unsatisfactory, the matter has been immediately followed up and advice given, and with regard to unsatisfactory samples obtained on ice cream manufactured outside the area, the appropriate Authority has been notified.

There were no premises registered for the manufacture of Ice Cream during the year. Six shops were registered for the retailing of Ice Cream.

Eleven samples of Ice Cream were taken for bacteriological examination, and four samples were placed in Grades 3 & 4 and are classed as unsatisfactory under the Provisional Methylene Blue Test.

Slaughter-houses.

During the year the number of slaughter-house licences granted was 9, and the number of licences granted to slaughter animals was 27.

Apart from the issue of licences to slaughter to self suppliers of pigs, no slaughtering of animals for sale for human food is carried out in any private slaughter-houses in the Rural District. This latter slaughtering is carried out at two public abattoirs in Burton-on-Trent and one in Derby, and despatched to two distributing centres, one in the Northern part of the district and one in the Southern.

Prescribed particulars on the administration of
the Factories Act, 1937.

1.- INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of Inspe- ctions (4)	Written Notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities ..	1	37	34	3	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	65	94	11	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	Nil	Nil	Nil	Nil	3
TOTAL		102	128	14	-	

2.- CASES IN WHICH DEFECTS WERE FOUND

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				No. of cases in which prosecu- tions were institu- ted. (7)	M/c line No. (8)
		Found (3)	Remedied (4)	To H.M. Inspector tor (5)	Referred By H.M. Inspection tor (6)		
Want of cleanliness (S.1)	4	2	2	-	1	-	4
Overcrowding (S.2) ..	5						5
Unreasonable temperature (S.3)	6						6
Inadequate ventilation (S.4)	7						7
Ineffective drainage of floors (S.6) ..	8						8
Sanitary Conveniences (S.7)							
(a) insufficient ..	9	1	1				9
(b) unsuitable or defective ..	10	17	9		3		10
(c) not separate for sexes ..	11	3	3		1		11
Other offences against the Act (not including offences relating to Outwork)	12	4	4				12
TOTAL... ..	60	27	19	-	5	-	60

RATS & MICE DESTRUCTION ACT, 1919.
INFESTATION ORDER, 1943.

The Council have the services of a full-time Rodent Operator, and routine inspections were made on all refuse tips and sewage works in the district. Also all sewers were treated according to the methods recommended by the Ministry of Food; only minor infestations were found, and these places were given a second treatment.

A large number of private properties were inspected, and advice given on the best methods to deal with those very minor infestations; in some cases the treatment was carried out by the Rodent Operator.

INFECTIOUS DISEASES.

On receipt of notifications of infectious disease an inspection is made and disinfectants supplied.

PREVALENCE OF, AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

Small-pox:	No cases.		
Scarlet Fever:	Notifications 67. Cases removed to Hospital 36. Deaths Nil.		
	The type of disease continues mild. The average period of residence in Hospital is about 21 days.		
	The cases occurred in the following parishes:-		
	Hatton 13, Woodville 12, Repton 7, Linton 6, Bretby 5, Etwall 5, Castle Gresley 4, Egginton 4, Overseal 3, Willington 3, Mickleover 2, Sutton-on-the-Hill 2, Hilton 1.		
Diphtheria:	Notifications 1. Removed to Hospital. (Proved non-Diphtheria.)		
Puerperal Pyrexia:	2 cases.	Admitted to Hospital 2.	
Erysipelas:	1 case.		
Acute Poliomyelitis:	6 cases.	Admitted to Hospital 6.	
Pneumonia:	19 "	Removed to Hospital 1 (Non-Civilian).	
Measles:	179 "	Removed to Hospital 8.	
Whooping Cough:	39 "		
Bacillary Dysentery:	7 "	County Mental Hospital.	

CASES OF NOTIFIABLE DISEASES AT VARYING AGES DURING 1947.

Age Groups

	Under One Year	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	60-	Total
Small-pox	..	..				Nil.							
Scarlet Fever	..	1	1	1	4	33	17	5	5	-	-	-	67
Diphtheria	..					Nil.							
Enteric Fever:- Typhoid Para-typhoid						Nil.							
Puerperal Pyrexia													2
Pneumonia						3	2	1	7	4	1	1	19
Bacillary Dysentery						1	1	-	-	1	-	4	7
Erysipelas											1		1
Acute Poliomyelitis				1			1	2	1	1			6
Measles	6	12	17	16	25	86	10	1	6				179
Whooping Cough	3		5	5	4	20	2						39

Particulars of new cases of Tuberculosis and of deaths from the Disease in the area during 1947.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year								
1 - 5				1				
5 - 16			1					
16 - 25		1				1		
25 - 35	1	4		1		2		2
35 - 45	1	1			1	1		
45 - 55		1			1	1		
55 - 65	1	1	1		1	1		
65 and over	1				1			
Totals	4	8	2	2	4	6	-	2

Cases treated in Sanatoriums, etc:-

County Sanatorium, Chesterfield	4
Burton Infirmary	3
Derby Royal Infirmary	2
Admitted Douglas House, West Southbourne, Bournemouth	1

DIPHTHERIA IMMUNISATION.

Statement of work done during the year 1947.

Parish	Estimated Population (January 1940)	Number of children who have received complete course.		Total
		Under 5 years	5 years & over	
Ash	103	-	-	-
Barton Blount	61	-	-	-
Bearwardcote	29	-	-	-
Bretby	777	7	-	7
Burnaston	179	1	-	1
Calke	41	-	-	-
Castle Gresley	1613	10	3	13
Catton	88	-	-	-
Cauldwell	133	1	-	1
Church Broughton	441	-	-	-
Coton-in-the-Elms	522	-	-	-
Dalbury-with-Lees	160	-	-	-
Drakelow	216	-	-	-
Egginton	365	4	-	4
Etwall	865	5	-	5
Findern	701	2	-	2
Foremarke	36	-	-	-
Foston & Scropton	519	-	-	-
Hartshorne	1350	8	-	8
Hatton	1399	19	4	23
Hilton	821	14	1	15
Hoon	34	-	-	-
Ingleby	74	-	-	-
Linton	1719	18	6	24
Lullington	161	-	-	-
Marston-on-Dove	63	1	-	1
Mickleover	5437	17	1	18
Netherseal	745	4	-	4
Newton Solney	513	4	-	4
Osleston & Thurstaston	251	1	-	1
Overseal	2215	36	2	38
Radbourne	325	-	-	-
Repton	2168	15	-	15
Rosliston	404	4	-	4
Smisby	370	-	-	-
Sutton-on-the-Hill	111	-	-	-
Ticknall	709	3	-	3
Trusley	92	-	-	-
Twyford & Stenson	259	3	-	3
Walton-on-Trent	422	-	-	-
Willington	1026	7	1	8
Woodville	2890	14	1	15
Totals ..	30407	198	19	217

